

ECS Configuration Change Request

Page 1 of 2 Page(s)

1. Originator Randall J. Miller	2. Log Date: 3/10/00	3. CCR #: 00-0272	4. Rev: -	5. Tel: (301) 925-0400	6. Rm #: 3036	7. Dept. REDV
8. CCR Title: Deliver Phlox.03 Test Executable To All Sites						
9. Originator Signature/Date <i>Randall J. Miller</i> 3/10/00		10. Class	11. Type: CCR		12. Need Date: 03/10/00	
13. Office Manager Signature/Date <i>Randall J. Miller</i> 3/10/00 <i>for Mary Armstrong</i>		14. Category of Change: Other		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted: None		17. Schedule Impact: None		18. CI(s) Affected: STMGT		
19. Release Affected by this Change: 5A		20. Date due to Customer: 03/10/00		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: NCR To Be Received From GDAAC						
23. Problem: (use additional Sheets if necessary) Development has integrated a fix to reduce the occurrence of zombie requests in the CopyDaemon queue.						
24. Proposed Solution: (use additional sheets if necessary) Software CM shall prepare a tar file as specified on the continuation page. SMC shall distribute this tar file to all sites. Sites shall install as required.						
25. Alternate Solution: (use additional sheets if necessary) Wait until the delivery of 5A.05.Electra (approximately April 15th).						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Sites will not have sufficient distribution capacity to meet their requirements.						
27. Justification for Emergency (If Block 15 is "Emergency"): The fix needs to be tested in the field ASAP so that it can be applied at all sites before processing loads ramp up.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV/CCB Chair (Sign/Date): <i>[Signature]</i> 3/9/00			Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. M&O CCB Chair (Sign/Date): <i>[Signature]</i> 3-9-00			Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

CM01JA00

ECS/EDF/SCDV/M&O

ORIGINAL

ADDITIONAL SHEET

CCR #: 00-0271 Rev: — Originator: Randall J. Miller

Telephone: (301) 925-0400 Office: 3036

Title of Change: Deliver Phlox.03 To All Sites

CONTENT:

Please create an SGI tar file containing the files

```
/ecs/formal/DSS/bin/sgi6n32/EcDsStArchiveServer  
/ecs/formal/DSS/bin/sgi6n32/EcDsStStagingMonitorServer  
/ecs/formal/DSS/bin/sgi6n32/EcDsStCopyDaemon  
/ecs/formal/DSS/bin/sgi6n32/CopyDaemonTest
```

from the view jcrowfor_copyDaemon

SITES:

This delivery includes a modified StagingMonitor which should significantly reduce the occurrence of zombie requests remaining in the CopyDaemon queue, reducing the likelihood/frequency that you will need to clean the queue out using the CopyDaemonTest tool.

INSTALLATION:

If you have previously installed the CopyDaemon with Phlox.02: You need only install the EcDsStStagingMonitorServer executable. (Although the other executables have changed size, it is only because they link in libraries that changed size. Their interfaces and functionality have not changed. They are being re-delivered for completeness.)

If you have NOT previously installed the CopyDaemon with Phlox.02: To install the Phlox.03 set of test executables, copy the delivered files into /usr/ecs/<MODE>/CUSTOM/bin/DSS on each SGI which hosts an instance of either EcDsStArchiveServer or EcDsStStagingMonitorServer. Install the EcDsStCopyDaemon process as described in the attached instructions.

IMPORTANT: Do not bring up the Phlox.03 Archive Server or Staging Monitor Server until the Copy Daemon has been properly installed and is running.

The last file is a test driver that has proven useful for monitoring and force-cleaning of the Daemon queue.

Phlox.03 replaces and obsoletes Phlox.02.

CM01AJA00

ORIGINAL